

Application No.: 10/583,419

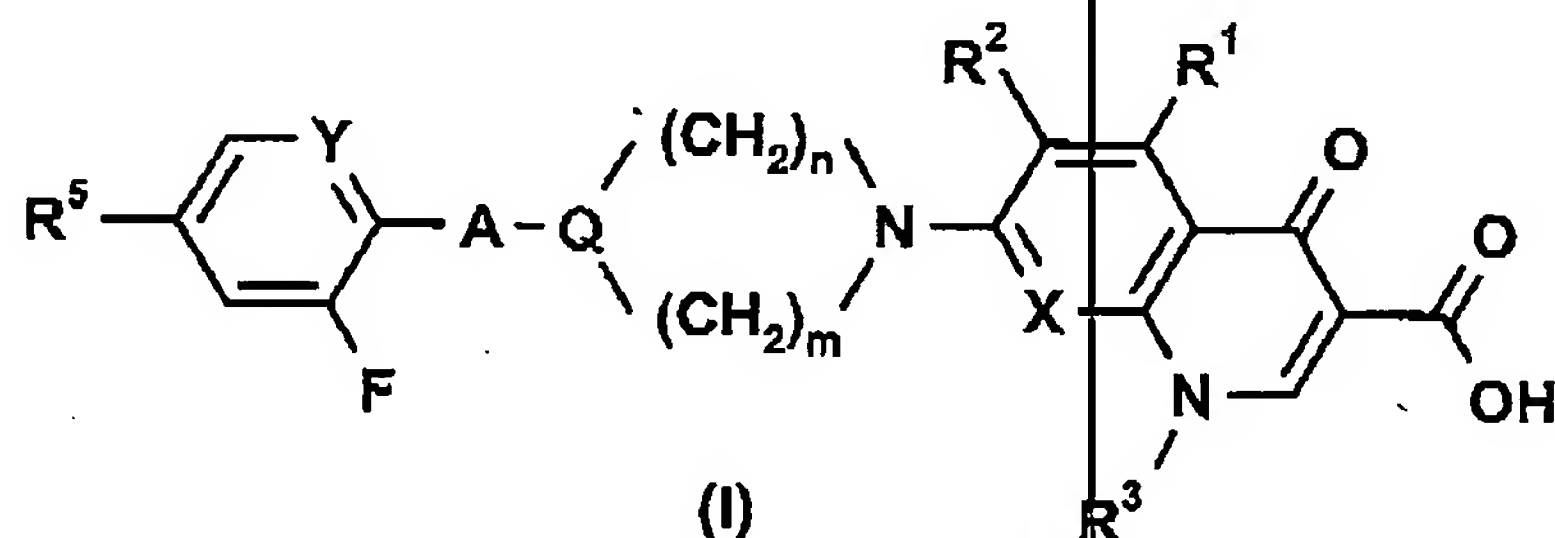
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AMENDMENTS TO THE CLAIMS

Claims 1-18. (cancelled)

Claim 19. (Currently amended) A compound of formula (I)



wherein

A is an alkylene group, an alkenylene group, an alkynylene group, a heteroalkylene group, a cycloalkylene group, a heterocycloalkylene group, an arylene group or a heteroarylene group all of which groups may be substituted;

Q is CR<sup>4</sup> or N;

X is CR<sup>7</sup> or N;

Y is CR<sup>6</sup> or N;

n is ~~1, 2 or 3~~ 2;

m is ~~1, 2 or 3~~ 2;

R<sup>1</sup> is H, F, Cl, Br, I, OH, NH<sub>2</sub>, an alkyl group or a heteroalkyl group;

R<sup>2</sup> is H, F or Cl;

R<sup>3</sup> is H, an alkyl group, an alkenyl group, an alkynyl group, a heteroalkyl group, a cycloalkyl group, a heterocycloalkyl group, an aryl group, a heteroaryl group, an alkylaryl group or a heteroarylalkyl group; all of which groups may be substituted with one, two or more halogen atoms or amino groups;

R<sup>4</sup> is hydroxy, a group of formula OPO<sub>3</sub>R<sup>9</sup><sub>2</sub> or OSO<sub>3</sub>R<sup>10</sup> or a heteroalkyl group carrying at least one OH, NH<sub>2</sub>, SO<sub>3</sub>R<sup>10</sup>, PO<sub>3</sub>R<sup>9</sup><sub>2</sub> or COOH group or an ester of a naturally occurring amino acid or a derivative thereof, wherein the groups R<sup>9</sup>

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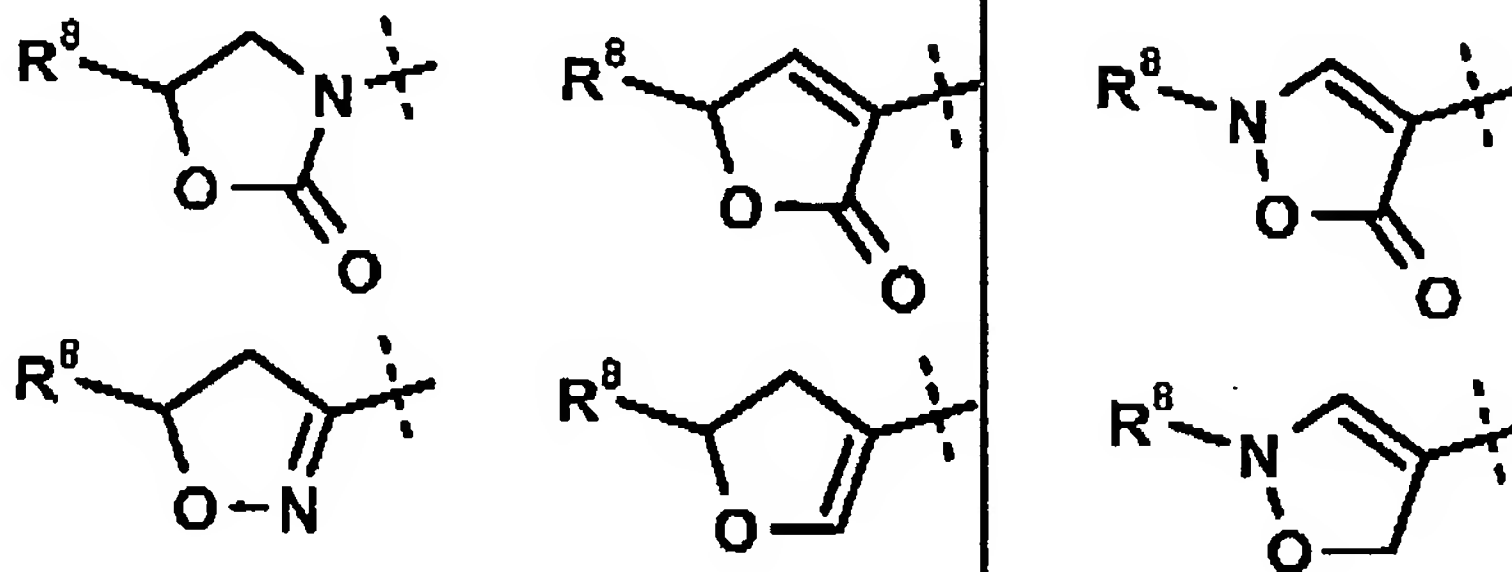
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independently of each other are H, alkyl, cycloalkyl, aryl or aralkyl and wherein  $R^{10}$  is H, alkyl, cycloalkyl, aryl or aralkyl;

$R^5$  is selected from the following groups:



$R^6$  is H, F, Cl or OMe;

$R^7$  is H, F, Cl, OH,  $NH_2$ , a substituted or unsubstituted alkyl group or a substituted or unsubstituted heteroalkyl group, or

$R^3$  and  $R^7$  can be linked via an alkylene, an alkenylene or a heteroalkylene group or be a part of a cycloalkylene or heterocycloalkylene group; in case  $R^3$  is no H and  $R^7$  is no H, F, OH,  $NH_2$  or Cl; and

$R^8$  is a  $C_{1-6}$  heteroalkyl, a heteroarylalkyl, a heteroalkylaryl or a heteroalkyl/heteroaryl group;

or a pharmacologically acceptable salt, solvate, hydrate or formulation thereof.

Claim 20. (Previously presented) A compound of claim 19, wherein  $R^1$  is H.

Claim 21. (Previously presented) A compound according to claim 19, wherein  $R^2$  is F or H.

Claim 22. (Previously presented) A compound of claim 19, wherein  $R^3$  is an ethyl, a 2-propyl, a  $C_3$ - $C_6$  cycloalkyl, a phenyl or a pyridyl group; all of which may be substituted with one, two, three or more fluorine atoms or amino groups.

Claim 23. (Previously presented) A compound according to claim 19, wherein  $R^3$  is a cyclopropyl group.

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Claim 24. (Previously presented) A compound of claim 19, wherein  $R^7$  and  $R^3$  together form a bridge of the formula  $-O-CH_2-N(Me)-$  or  $-O-CH_2-CH(Me)-$ , wherein the preferred stereochemistry at the chiral center is the one giving the (S) configuration in the final compound.

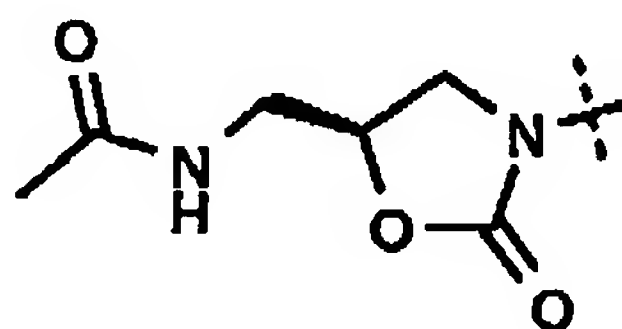
Claim 25. (Previously presented) A compound of claim 19, wherein  $R^7$  is H, F, Cl or a methoxy group which may be substituted by one, two or three fluorine atoms.

Claim 26. (Previously presented) A compound of claim 19, wherein X is N or CH.

Claim 27. (Previously presented) A compound of claim 19, wherein  $R^4$  is hydroxy or a group of formula  $OSO_3H$ ,  $OPO_3H_2$ ,  $OCH_2OPO_3H_2$ ,  $OCOCH_2CH_2COOH$  or an ester of a naturally occurring amino acid or a derivative thereof.

Claim 28. (Previously presented) A compound of claim 19, wherein  $R^8$  is a group of the formula  $-CH_2NHCOCH=CHAr$ ,  $-CH_2OHeteroaryl$ ,  $-CH_2NHCO_2Me$ ,  $-CH_2NHCOOMe$ ,  $-CH_2NHCOMe$ ,  $-CH_2NHCS_2Me$ ,  $-CH_2NHCSMe$ ,  $-CH_2NHCSNH_2$ ,  $-CH_2NHCSOMe$  or  $-NHCOMe$ .

Claim 29. (Previously presented) A compound of claim 19, wherein  $R^5$  has the following structure:



Claim 30. (Previously presented) A compound of claim 19, wherein Y is CH or N.

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Claim 31. (Previously presented) A compound of claim 19, wherein A is C<sub>1-6</sub> alkylene, C<sub>2-6</sub> alkenylene, C<sub>2-6</sub> alkynylene, C<sub>1-6</sub> heteroalkylene, cyclopropylene, epoxide, aziridine, thioepoxide, lactame or lactone, all of which groups may be substituted.

Claim 32. (Previously presented) A compound of claim 19, wherein A is a group of formula -CH<sub>2</sub>CH<sub>2</sub>-, -OCH<sub>2</sub>-, -OCH<sub>2</sub>CH<sub>2</sub>-, -SCH<sub>2</sub>-, -SCH<sub>2</sub>CH<sub>2</sub>-, -CH=CH-, -C≡C-, -CH(OH)CH(OH)- or -CH(NH<sub>2</sub>)CH(OH)-.

Claim 33. (Previously presented) A mono, di or tri sodium salt of a compound of formula (I) according to claim 19.

Claim 34. (Previously presented) A compound of claim 33 wherein R<sup>4</sup> is OPO<sub>3</sub>H<sub>2</sub> or OSO<sub>3</sub>H or mixtures thereof.

Claim 35. (Previously presented) A pharmaceutical composition comprising a compound of claim 19.

Claim 36. (Previously presented) The pharmaceutical composition of claim 35 further comprising one or more optionally carriers and/or adjuvants and/or diluents.

Claim 37. (Previously presented) A pro-drug comprising a compound of claim 19 and at least one pharmacologically acceptable protective group.

Claim 38. (Previously presented) A method for treating a subject suffering from or susceptible to a bacterial infection, comprising administering to the subject a compound of claim 19.

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